

Application No.: 10/807,224
Attorney Docket No.: 25384A

IN THE CLAIMS

1. (Currently Amended) A binder composition for glass fibers comprising:
a pre-binder composition including a polycarboxy polymer and a crosslinking agent;
and
a co-binder selected from a dextrin, a modified dextrin, maltodextrin and mixtures thereof, said co-binder being present in said binder composition in an amount of at least about 50%;
~~wherein said binder composition has a pre-binder composition:co-binder ratio from 90:10 to 25:75~~
wherein said polycarboxy polymer contains carboxylic acid groups and said crosslinking agent contains hydroxyl groups, and
wherein a molar ratio of said carboxylic acid groups to said hydroxyl groups is from 1:3 to 5:1.
2. (Original) The binder composition according to claim 1, wherein said pre-binder composition further includes a catalyst.
3. (Currently Amended) The binder composition according to claim 2, wherein said catalyst is at least one member selected from an alkali salt of a phosphorus containing organic acid[[,]] and a fluoroborate compound.
4. (Original) The binder composition of claim 1, wherein said crosslinking agent is a polyol containing two or more hydroxyl groups.
5. (Previously Presented) The binder composition of claim 4, wherein said crosslinking agent is at least one polyol selected from triethanolamine and glycerol.
6. (Canceled)
7. (Previously Presented) The binder composition of claim 1, wherein said modified dextrin is at least one member selected from borax modified dextrans and borax-alkali modified dextrans.

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8. – 20. (Canceled)

21. (Previously Presented) The binder composition of claim 1, wherein said polycarboxy polymer is present in said pre-binder composition in an amount from about 1% to about 50% by weight.

22. (Canceled)

23. (Previously Presented) The binder composition of claim 2, wherein said catalyst is present in said pre-binder composition in an amount from about 1% to about 20% by weight.

24. (Previously Presented) The binder composition of claim 1, wherein said co-binder is a dextrin.

25. (Previously Presented) The binder composition of claim 24, wherein said dextrin is at least one member selected from yellow dextrans, white dextrans and British gums.

26. (Previously Presented) The binder composition of claim 1, wherein said modified dextrin is a chemically modified dextrin.

27. (Previously Presented) The binder composition of claim 1, wherein said binder composition has a pre-binder composition:co-binder ratio of 50:50.

28. (Currently Amended) The binder composition of claim 1, wherein said co-binder is present in said binder composition in an amount of at least about 75% by weight.

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29. (New) The binder composition of claim 1, wherein said binder composition has a pre-binder composition:co-binder ratio from 90:10 to 25:75.